

ABSTRACT OF THE DISCLOSURE

An ultrasonic motor has vibrational bodies for generating stretching and bending vibrations, at least one of the vibrational bodies generating only the stretching vibration. A movable member is disposed in contact with the vibrational bodies and is frictionally driven by a combination of the stretching and bending vibrations generated by the vibrational bodies.

1. An ultrasonic motor comprising:  
a. a plurality of vibrational bodies;  
b. at least one of said vibrational bodies generating only stretching vibrations;  
c. a movable member in contact with said vibrational bodies;  
d. means for driving said vibrational bodies with a combination of stretching and bending vibrations.